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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Andrea DeGachis
Type or print name

Andrea DeGachis
Signature

8/23/06
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF
STUART GREENHALGH ET AL.

Group Art Unit:
Examiner:

INTERNATIONAL APPLICATION NO. PCT/EP 04/013250

FILED: November 22, 2004

FOR: PROCESS OF PRODUCING POLYMERS

U.S. APPLICATION NO: 10/580,447

35 USC 371 DATE: MAY 23, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached form PTO-1449. A copy of the International Search Report was supplied, when this application entered the U.S. national phase.

U.S. 6,361,981; US2004/0175810 A1; 5,089,411; 4,343,900; 4,528,321; 4,506,062; 4,599,379; US 2005/0064564A1 and 6,146,861 are substantively cumulative English language counterparts of WO 97/21827; WO 02/088371; EP 0 362 829; GB 2 062 625; EP 0 126 528; EP 0 102 760; EP 0 150 933; WO 02/088372 and WO 97/06248.

As we were unable to obtain an English Language abstract/equivalent for SU 1731814 applicant would like to bring to the examiners attention that said Russian reference is discussed in the instant application on page 2.

Copies of the non-U.S. references (that do not have U.S. equivalents) and/or English language abstracts thereof and all articles/journals are enclosed herewith along with a copy of a Great Britain Search Report.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,



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PTO 1449 form and ~~14~~ refs & 1 S. Report

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	BT/3-22349/A/PCT	10/580,447
	Applicant	
	STUART GREENHALGH ET AL.	
	Filing Date	Group Art Unit
	MAY 23, 2006	

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,343,900	8/82	Watanabe et al.	54	127	
	6,162,624	12/00	Symes et al.	435	135	
	5,698,629	12/97	Seki et al.	524	827	
	2004/0048348	3/04	Murao et al.	435	170	
	2003/0148480	8/03	Dicosimo et al.	435	136	
	5,827,699	10/98	Yanenko et al.	435	129	
	2004/0048297	3/04	Murao et al.	435	170	
	6,361,981	3/02	Symes et al.	435	135	
	2004/0175810	9/04	Petersen et al.	435	128	
	5,089,411	2/92	Yamada et al.	435	244	
	4,343,900	8/82	Watanabe	435	129	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	03/033716	4/03	PCT/World			Abst.	
	02/50297	6/02	PCT/World			U.S.=	
	97/21827	6/97	PCT/World			U.S.=	
	02/088371	11/02	PCT/World			U.S.=	
	0 362 829	4/90	Europe			U.S.=	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	English language abstract of WO 03/033716 from the esp@cenet.com web site printed on 7/24/06
	Maestracci et al.; Adv. Biochem. Eng. Biotechnol. Vol. 36: pp. 104-115(1988)
	Bengis-Garber et al.; Appl. Microbiol. Biotechnol. Vol. 32: pp. 11-16 (1989)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,528,321	7/85	Allen et al.	524	761	
	4,506,062	3/85	Flesher et al.	526	211	
	4,599,379	7/86	Flesher et al.	524	801	
	2005/0064564	3/05	Peterson et al.	435	129	
	6,146,861	11/00	Armitage et al.	435	128	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	2 062 625	5/81	Great Britain			U.S.=	
	0 126 528	11/84	Europe			U.S.=	
	0 102 760	3/84	Europe			U.S.=	
	0 150 933	8/85	Europe			U.S.=	
	02/088372	11/02	PCT/World			U.S.=	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	T. Nagasawa et al.; Appl. Microbiol Biotechnol Vol. 34: pp. 322-324 (1990)
	H. Yamada et al.; Biosci. Biotech. Biochem. Vol. 60 (9), pp. 1391-1400 (1996)
	T. Leonova et al.; Applied Biochemistry and Biotechnology, Vol. 88, (2000), pp. 231-241

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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	97/06248	2/97	PCT/World			U.S.=	
	1731814	5/92	Russia				
	0 307 926	3/89	Europe				
	02/088373	11/02	PCT/World				
	92/05205	4/92	PCT/World				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	
	T. Nagasawa et al.; Pure & Appl. Chem. Vol. 67, No. 7, pp. 1241-1256 (1995)
	A. Arnaud et al.; Agric. Biol. Chem. Vol. 41, (11), pp. 2183-2191 (1977)
	Y. Asano et al.; Agric. Biol. Chem. Vol. 46, (5), pp. 1183-1189 (1982)
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